

31. (Amended) A method according to claim 29 wherein determining an extent comprises acquiring a planar nuclear emission image.

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32. (Amended) A method according to claim 29 wherein determining an extent comprises:
determining said extent from said acquired nuclear emission data.

33. (Amended) A method according to claim 29 wherein the transmission data is acquired using an X-ray source.

34. (Amended) A method according to claim 29 wherein the transmission data is acquired using a gamma ray source.

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35. (Amended) A method according to claim 41 wherein the transmission data is acquired using an X-ray source.

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45. (Amended) A method according to claim 41 wherein the transmission data is acquired using a gamma ray source.

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58. (Amended) Apparatus according to claim 52 the X-ray imager is only capable of producing a tomographic image having a resolution poorer than about 2 lp/cm in a transaxial direction.

REMARKS

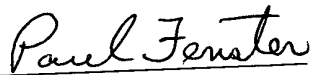
The present application is a U.S. national application of PCT/IL99/00300. The present amendments, based on the claims attached to the IPER, have been made to remove non-unity of invention, to remove claims for which no International Preliminary Examination was carried out and to remove multiple dependencies. The application now contains claims 1-8, 29-49 and 51-63. Claims 9-28 and 50 have been canceled, subject to their being the subject of one or more divisional applications and claims 4-6, 31-34, 43, 45 and 58 have been amended.

A marked-up version of the amended claims only, as attached to the IPER is attached hereto.

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An action on the merits is respectfully awaited.

Respectfully submitted,
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